								
FORM (990 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE	ATTORNEY'S DOCKET NUMBER					
`		RANSMITTAL LETTER TO THE UNITED STATES	PF-3340/NEC/US					
		DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
		DNCERNING A SUBMISSION UNDER 35 U.S.C. 371	10/511423					
INTE	RNATI	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
		PCT/JP03/04700 April 14, 2003	April 15, 2002					
		INVENTION ONDUCTOR DEVICE AND MANUFACTURING METHOD THEF	PEEOD					
٠ ٠ ٠٠.	IIC.	NUCTOR DEVICE AND MANOTACTORING METALE	REFOR					
APPI	ICAN'	IT(S) FOR DO/EO/US						
		ATANABE Assignee Name: NEC Corporation						
_	_	Assignee Residence: Tokyo, Japan						
Appl	icant l	herewith submits to the United States Designated/Elected Office (DO/EO/US) the	the following items and other information:					
1.	×	This is a FIRST submission of items concerning a submission under 35 U.S.C	-					
2.		This is a SECOND or SUBSEQUENT submission of items concerning a sub						
3.	×	This is an express request to begin national examination procedures (35 U.S.C						
	al	(6), (9) and (24) indicated below.						
4.	×	The US has been elected (Article 31).						
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))						
		a. \(\sigma\) is attached hereto (required only if not communicated by the International Bureau	ational Bureau).					
l		 b. has been communicated by the International Bureau. c. is not required, as the application was filed in the United States Received 						
6.	Ø	c. \square is not required, as the application was filed in the United States Rece An English language translation of the International Application as filed (35 L	- , , , , ,					
Ŭ.	K.s	a. \(\text{is attached hereto.} \)	J.S.C. 3/1(c)(2)).					
		 b. □ has been previously submitted under 35 U.S.C. 154(d)(4). 						
7.	×	Amendments to the claims of the International Application under PCT Article	6-10/25 H S C 371 (c)(3))					
		a. are attached hereto (required only if not communicated by the International Application under PC1 Article a.						
		b. \square have been communicated by the International Bureau.	iational Bureauj.					
l		c. \(\square\) have not been made; however, the time limit for making such amend	dments has NOT expired.					
1		d. 🗵 have not been made and will not be made.	•					
8.	×	An English language translation of the amendments to the claims under PCT A	Article 19 (35 U.S.C. 371(c)(3)).					
9.	×	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
10.		An English language translation of the annexes to the International Preliminar Article 36 (35 U.S.C. 371 (c)(5)).	ry Examination Report under PCT					
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).	N.					
12.		A copy of the International Frenminary Examination Report (PC1/IPEA/409). A copy of the International Search Report (PCT/ISA/210).	<i>j.</i>					
		13 to 23 below concern document(s) or information included:	•					
13.	tems 1.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
14.	⊠	An assignment document for recording. A separate cover sheet in compliance	o with 37 CER 3 28 and 3 31 is included.					
15.	Ø	A FIRST preliminary amendment.	Will 37 CFR 3.20 dilg 3.32 ib					
16.		A SECOND or SUBSEQUENT preliminary amendment.						
17.		A substitute specification.						
18.		A power of attorney and/or change of address letter.						
19.		A computer-readable form of the sequence listing in accordance with PCT Rul						
20.		A second copy of the published International Application under 35 U.S.C. 154	54(d)(4).					
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).						
22.		Express Mail Label No.						
23.	☒	Other items or information:	1, 749					
ĺ		Form PCT/RO/101 Form PCT/IPEA/416 Form PCT/ISA/210 9/26/03 Amendment Under PCT Article 1	The state of the second					
		Form PCT/ISA/210 9/26/03 Amendment Under PCT Article 3 Form PCT/IPEA/409 14 Sheets of Formal Drawings (Figs. 1A-						
		International Publication (WO 03/088357 A1)	0)					

U.S. APPLICATION	107517F423	INTERNATIONAL APPLICATI PCT/JP03/0470				DOCKET NUMBER O/NEC/US			
24. The fo	llowing fees are submitted:.		CALCULATION	S PTO USE ONLY					
☐ Neither inte internationa	AL FEE (37 CFR 1.492(a)(1)-(5) mational preliminary examination il search fee (37 CFR 1.445(a)(2)) tional Search Report not prepared	n fee (37 CFR 1.482) nor paid to USPTO	\$1110	0.00					
	al preliminary examination fee (37). International Search Report prep	0.00							
International but internat	al preliminary examination fee (37 ional search fee (37 CFR 1.445(a)	0.00							
☐ International but all claim	al preliminary examination fee (37 ns did not satisfy provisions of PC	0.00							
☐ Internations and all claim	al preliminary examination fee (37 ns satisfied provisions of PCT Ar	CFR 1.482) paid to USPTO ticle 33(1)-(4)	\$100	0.00					
	ENTER APPROPRI	ATE BASIC FEE AM	OUNT =		\$950.00				
Surcharge of \$130. months from the ea	00 for furnishing the oath or declaritiest claimed priority date (37 C	aration later than \Box 20 FR 1.492(e)).	0 🗆 30)	\$0.00				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	65 - 20 =	45	x \$18.00		\$810.00				
Independent claims		2	x \$88.00		\$176.00				
Multiple Depender	t Claims (check if applicable).	A DOME CALCIU AT	TONG.		\$0.00	1			
- Amplicant ele		ABOVE CALCULAT		=	\$1,936.00				
Applicant cla reduced by 1/	ims small entity status. See 37 CF 2.				\$0.00				
	· .	SUB'	TOTAL	=	\$1,936.00				
Processing fee of \$ months from the ea	130.00 for furnishing the English rliest claimed priority date (37 C	translation later than	0 🗆 30	+	\$0.00				
		TOTAL NATIONAL	L FEE	=	\$1,936.00				
Fee for recording to accompanied by an	he enclosed assignment (37 CFR appropriate cover sheet (37 CFR	1,21(h)). The assignment must b 3.28, 3.31) (check if applicable	e).	Ø	\$40.00				
		TOTAL FEES ENCL	OSED	=	\$1,976.00				
					Amount to be: refunded	\$			
					charged	\$			
	heck in the amount of\$1,97								
b. ∐ Ple	b. Please charge my Deposit Account No in the amount of to cover the above fees.								
	The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No50-0481								
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
	appropriate time limit under 3 ust be filed and granted to resto					₹ .			
SEND ALL CORR	ESPONDENCE TO:		\leq	3/1		#			
Sean M. McGinn Customer No. 21	•		SIGNATURE						
McGinn & Gibb.			Sean M. McGinn, Esq.						
8321 Old Courth Suite 200	ouse Road		NAME						
Vienna, VA 2218	32-3817		REGISTRATION NUMBER						
			October	15, 2	004				
			DATE						